

Claims

1. A method of constructing a desiccant pot by trapping a spun-bonded low density membrane between two separate parts constituting either the pot lid or the pot body, these two separate parts being made of high density plastic, and then fusing the membrane and the separate parts together, in which one of the separate parts has upon its touching surface an energy directing protrusion, arranged such that when the three components are assembled so that the two separate body and lid parts are pressed together with the membrane between, the energy directing protrusion extends from one touching surface to the other to space them slightly apart.
2. A method according to claim 1, in which the energy directing protrusion comprises a fine protuberance in the form of one or more ridges or points standing higher than the underlying land area from which it protrudes.
3. A method according to claim 1 or 2, in which, the energy directing protrusion forms a continuous ridge around the periphery of one of the parts.
4. A method according to claim 1 or 2, in which, the energy directing protrusion comprises a series of discrete protrusions arranged around the periphery of the part.
5. A method according to any one of the preceding claims, in which the energy directing protrusion projects from the touching surface a distance of between 0.5 and 0.7mm.

6. A method according to any one of the preceding claims, in which the point or edge of the energy directing protrusion is as sharp as possible to minimise the cross-sectional area of the tip of the protrusion.
- 5 7. A method according to claim 6, in which at least one of the separate parts is a tubular component and the energy directing protrusion is a sharp knife like edge at the end(s) of the tubular body component.
8. A method according to claim 7, in which the energy directing
10 protrusion is formed by moulding a chamfer to the outside edge of the tube wall.
9. A method according to claim 8, in which that angle of chamfer is of the order of 60°.
- 15 10. A method according to any one of the preceding claims, in which the energy directing protrusion is arranged such that it bears against a peripheral area of the membrane.
- 20 11. A method according to any one of the preceding claims, in which the separate parts of the pot body and pot lid are of a high density polyethylene.
- 25 12. A desiccant pot made by a method in accordance with any one of the preceding claims.
13. A method of constructing a desiccant pot substantially as described herein with reference to and as illustrated in the accompanying drawings.
- 30 14. A desiccant pot arranged substantially as herein described with reference to and as illustrated in the accompanying drawings.